Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 14 Jan 2023 until 23:59 on Sunday 15 Jan 2023

Forecast Issued on Saturday 14 Jan 2023 at 05:08

Confidence: High confidence for turning colder with the risk of some snow at lower levels and northwesterly winds later in the weekend.

Headline for Saturday 14 Jan 2023: Heavy rain at first, turning colder with rain turning to snow, dry for a time then showery later with strengthening winds.

Mountain weather hazards on Saturday 14 Jan 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** Low Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy snow	Sleet	Heavy snow showers (night)	Heavy snow showers (night)
Precipitation probability					
90%	70%	60%	60%	40%	30%

Forecast for Saturday 14 Jan 2023

Weather: Cloudy with outbreaks of rain, heavy at times, perhaps sleet on the highest tops by late morning. Rain tending to clear east from late morning with some cloud breaks developing and perhaps some brighter or sunny spells. Showers will follow and these will turn wintry above 500m, with a severe wind chill expected on the hills. Gales develop over exposed ridges and summits this evening, with a low risk of storm force winds developing.

Chance of cloud-free hill tops above 600m: 20%, improving to 70% for a time when the rain clears but dipping back to 40% in wintry showers later.

Low Cloud and visibility: Extensive low cloud expected from daybreak with overcast layers above 300m, perhaps cloud bases slightly higher around eastern areas. Visibility expected to be poor in heavy rain and sleet this morning. Cloud lifting and becoming more scattered by late morning with a good chance of some views for a time in the middle of the day, visibility will become good too. As afternoon showers develop cloud will thicken and lower over the summits in showers and the potential for blizzard of white out conditions on the higher tops like Whernside and Ingleborough during the afternoon and evening with strong winds.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Saturday 14 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	24/35 S	23/40 W	36/48 W	39/54 W	42/59 W	46/64 W	48/63 SW
300	13/30 S	14/29 W	17/36 W	19/45 W	20/50 W	22/52 W	25/55 SW
Valley	11/28 S	11/26 W	15/32 W	17/37 W	18/39 W	20/43 W	22/46 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	3/-3	1/-6	0/-8	0/-8	-0/-9	-0/-10
300	6/2	5/1	4/-1	2/-3	3/-3	2/-4	2/-5
Valley	7/4	6/2	5/1	5/0	4/-1	4/-1	4/-2
Freezing Level*	1500m	900m	600m	600m	600m	500m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Gales this afternoon with freezing level lowering to 5-600m and snow and sleet showers expected, blizzard conditions are possible. Severe chill effect. Risk of storm force gusts developing later over summits.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 14 Jan 2023	7.4mm	21mm	41.8mm

Forecast for Sunday 15 Jan 2023

Weather: Cloud and spells of snow soon arrive, along with widespread hill fog. Snow is likely to become heavy for a time, which combined with the severe gales or storm force winds over the summits will lead to temporary blizzard conditions. Through the morning dry and clearer conditions arrive from the north, with largely sunny conditions developing as the wind eases. Dry with clear spells for the evening before scattered snow showers arrive.

Maximum wind: West-southwest 45-50mph with gusts 60-65mph backing southerly 15mph later.

Chance of cloud-free hill tops above 600m: 10% with snow, improving to 90% though the morning. Then cloud temporarily covering the summits with evening showers.

Low Cloud and visibility: Extensive cloud layers above 400m and poor visibility overnight with some blizzard conditions. Cloud lifting above summits through the morning with visibility becoming excellent, although temporarily decreasing with evening showers.

Temperature: **Valleys:** Plus 5 falling to 3 Celsius later.
At 600m: Minus 1 Celsius.
Freezing level: 400m

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